(No Model.)

E. E. HAMILTON.

SHIPPING BOX OR CRATE.

No. 604,388. Patented May 24, 1898.

Fig. 1.

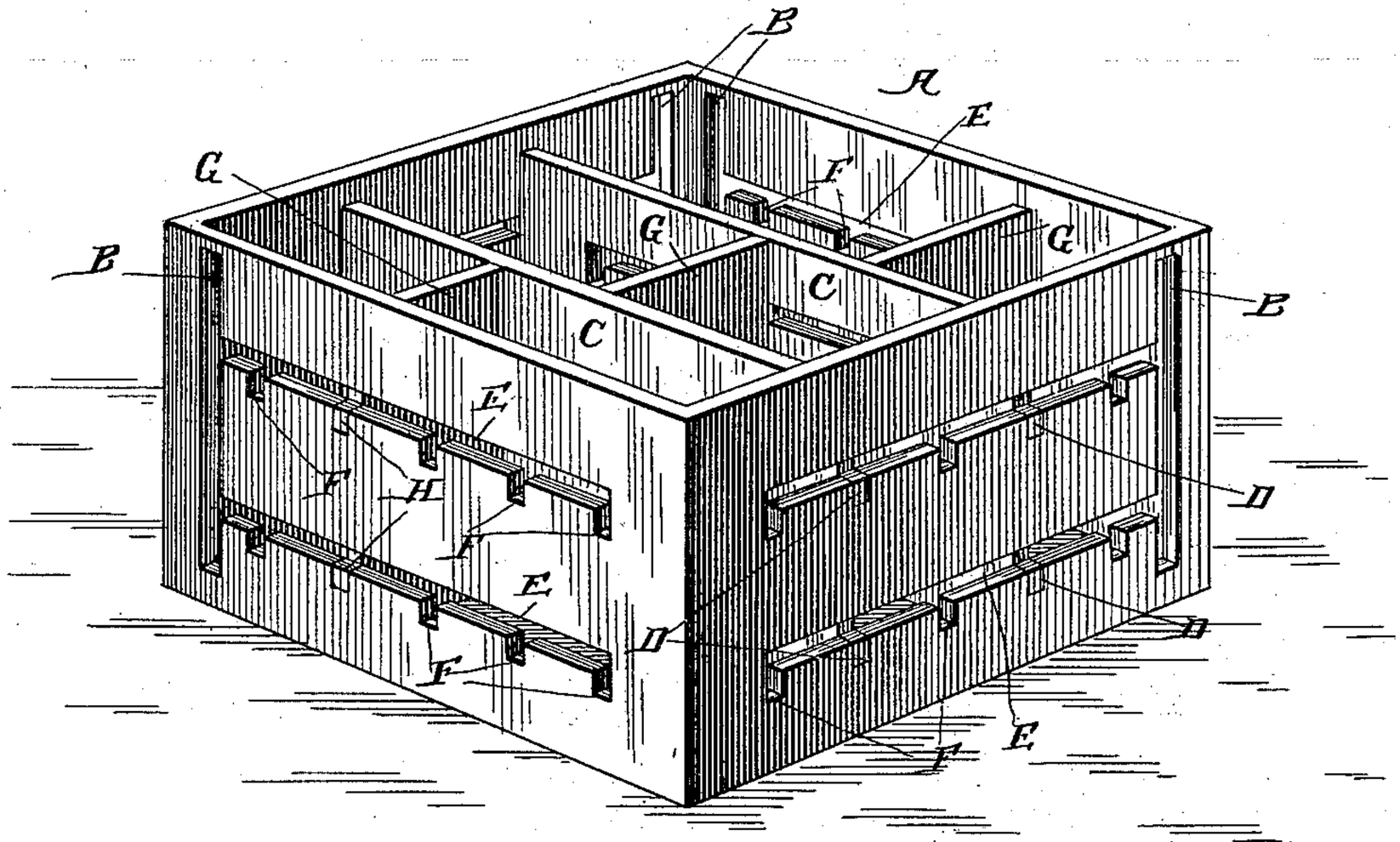
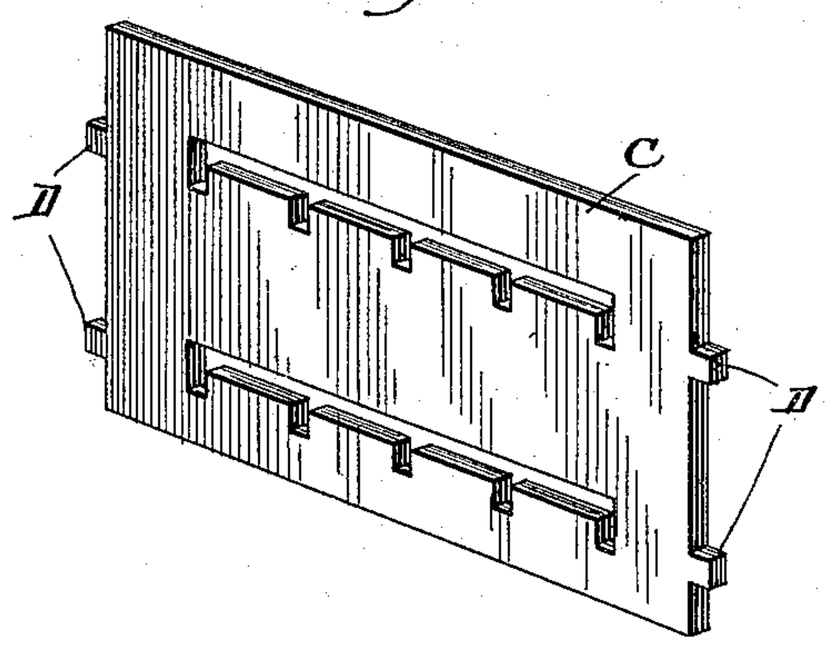


Fig. 2.



Witnesses:
H. B. Hallock.
R. M. Pierce

Inventor.
Edgar E. Hamilton
by C. J. Williamson
Attorney.

UNITED STATES PATENT OFFICE.

EDGAR E. HAMILTON, OF BERLIN, CONNECTICUT.

SHIPPING BOX OR CRATE.

SPECIFICATION forming part of Letters Patent No. 604,388, dated May 24, 1898.

Application filed November 16, 1897. Serial No. 658,755. (No model.)

To all whom it may concern:

Be it known that I, EDGAR E. HAMILTON, a citizen of the United States, residing at East Berlin, in the county of Hartford and State of Connecticut, have invented a certain new and useful Improvement in Shipping Boxes or Crates, of which the following is a specification.

My invention relates to a new and useful improvement in shipping boxes and crates, and has for its object to provide an exceedingly simple and effective device by means of which the partitions of a box may be varied in their location and consequently vary the spaces therebetween.

With this end in view this invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, its construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective of a box made in accordance with my improvement, showing flat partitions located therein, the ordinary top being removed; and Fig. 2, a similar view of one of the partitions.

In carrying out my invention as here embodied I construct the box A in the ordinary manner of four sides and a bottom, and within certain or all of these sides are formed upright slots B, which are of sufficient width to permit the passage of the partition C, which partition consists of a board having tenons D projecting therefrom, and therefore when this partition is passed through one of the slots B it fits snugly between the sides of the box, and in order that it may be located at any desired position thereon horizontal slots E extend from the slots B and have therein the notches F, so that by sliding the partition forward with its tenons projecting into the horizontal slots said tenons when coming into alinement with the notches F will drop therein, thereby securing the partition in place. From this it will be seen that these compartments within the box may be varied in size and that any desired number of said compartments may be formed by the use of a corresponding number of partitions, and this is of great convenience in many branches of business—as, for instance, the shipping of eggs or glass bottles, since when so packed no movement will be permitted, and thus lessen the liability of breakage.

When desired, cross-partitions G may be utilized, also having tenons H, adapted to fall within the notches F in the ends of the box, and likewise these cross-partitions may have tenons projecting in the opposite direction, which enter into engagement with slots corresponding to the slots E formed in the partitions C, as will be readily understood. This will again permit of a subdivision of the box and enable the safe shipment of exceedingly fragile material.

One of the principal advantages of my improvement is its exceeding simplicity and cheapness of manufacture, since the entire box is made of wood, and the only difference in cost between it and a box of ordinary construction is the labor necessary to form the slots and the tenons.

For certain classes of work it may be desirable to place my improved packing-box within an outer and rougher box to prevent injury thereto. Any suitable top may be secured upon the box.

Having thus fully described my invention, what I claim as new and useful is—

1. A packing-box having vertical slots formed in its sides, horizontal slots leading therefrom and notches formed in the horizontal slots, partitions adapted to pass through the vertical slots, said partitions having tenons thereon for fitting in the notches, as and for the purpose set forth.

2. In combination, a box having vertical slots, horizontal slots leading therefrom and notches formed in said horizontal slots, partitions adapted to pass through the vertical slots, and tenons formed upon the partitions adapted to fit within said notches whereby the partitions will be held in various positions, as specified.

3. In combination, a box having its sides formed with vertical slots therein and horizontal slots leading from the first named, partitions adapted to pass through the vertical slots, tenons formed on the ends of said par-

titions adapted to fit within notches formed in the horizontal slots, said partitions being slotted and notched similarly to the sides, and cross-partitions having tenons similar to the first named to fit in the slots thereof, as and for the purpose described.

4. In a box having vertical slots formed in the sides thereof and horizontal slots leading therefrom, partitions adapted to be passed through the vertical slots, tenons on the ends of the partitions adapted to slide within the horizontal slots, and means for holding the partitions rigidly in position, substantially as described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

EDGAR E. HAMILTON.

Witnesses:
CHARLES S. PRATT,
A. A. BARNES.